

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("20040097695").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/07/25 11:33
L2	18	polyimide and fuel cell and cross-linked and sulfonated and molecular weight	USPAT	ADJ	ON	2007/07/25 11:59
L3	190	polyimide NOT fuel cell and cross-linked and sulfonated and molecular weight	USPAT	ADJ	ON	2007/07/25 11:59
L4	3	polyimide same sulfonated same cross-linked NOT fuel cell and molecular weight	USPAT	ADJ	ON	2007/07/25 12:00
L5	11	polyimide same sulfonated and cross-linked NOT fuel cell and molecular weight	USPAT	ADJ	ON	2007/07/25 12:03
L6	81	polyimide and sulfonated and exchange and cross-linked NOT fuel cell and molecular weight	USPAT	ADJ	ON	2007/07/25 12:06
L7	2	("20020187377").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/07/25 12:06
S1	2	("6245881").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/07/23 14:26
S2	11	("6245881").URPN.	USPAT	OR	ON	2007/07/23 14:39
S3	107069	sulfonated polyimide and aliphatic diamine	USPAT	OR	ON	2007/07/24 11:36
S4	1	sulfonated polyimide and aliphatic diamine	USPAT	ADJ	ON	2007/07/23 14:40
S5	11	sulfonated same polyimide and aliphatic same diamine	USPAT	ADJ	ON	2007/07/23 14:40
S6	1	sulfonated same polyimide and aliphatic same diamine and fuel cell	USPAT	ADJ	ON	2007/07/23 14:41

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S7	7	sulfonated same polyimide and aliphatic same diamine and membrane	USPAT	ADJ	ON	2007/07/23 14:44
S8	0	sulfonated same polyimide and hexamethylenediamine diamine and membrane	USPAT	ADJ	ON	2007/07/23 14:44
S9	0	sulfonated same polyimide and hexamethylene diamine	USPAT	ADJ	ON	2007/07/23 14:45
S10	54	sulfonated same polyimide and "CH. <sub>sub.2</sub> "	USPAT	ADJ	ON	2007/07/23 14:46
S11	1	sulfonated same polyimide same "CH. <sub>sub.2</sub> "	USPAT	ADJ	ON	2007/07/23 14:45
S12	15	sulfonated same polyimide and "CH. <sub>sub.2</sub> " and fuel cell	USPAT	ADJ	ON	2007/07/23 14:59
S13	2	polyimide same fuel cell same aliphatic	USPAT	ADJ	ON	2007/07/23 15:01
S14	156	polyimide and fuel cell and aliphatic	USPAT	ADJ	ON	2007/07/23 15:01
S15	7	polyimide and fuel cell and aliphatic diamine	USPAT	ADJ	ON	2007/07/23 15:18
S16	2	("6881820").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/07/23 15:15
S17	2	("6646060").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/07/23 15:15
S18	0	polyimide and fuel cell and alkylenediamine	USPAT	ADJ	ON	2007/07/23 15:18
S19	4	polyimide and fuel cell and alkylene diamine	USPAT	ADJ	ON	2007/07/24 11:22
S20	10	polyimide same conductive and alkylene diamine	USPAT	ADJ	ON	2007/07/23 15:29
S21	19	polyimide same semi-rigid same conductive	USPAT	ADJ	ON	2007/07/23 15:31
S22	0	polyimide same semi-rigid same sulfonated	USPAT	ADJ	ON	2007/07/23 15:31
S23	167	polyimide with sulfonated	USPAT	ADJ	ON	2007/07/23 15:34
S24	0	S23 and semi-rigid	USPAT	ADJ	ON	2007/07/23 15:31
S25	1	S23 and alkylene diamine	USPAT	ADJ	ON	2007/07/23 15:32

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S26	40	polyimide with sulfonated and "ch. sub.2"	USPAT	ADJ	ON	2007/07/23 15:45
S27	0	"20040224190"	USPAT	ADJ	ON	2007/07/23 15:45
S28	0	"2004/0224190"	USPAT	ADJ	ON	2007/07/23 15:45
S29	0	"2004/00224190"	USPAT	ADJ	ON	2007/07/23 15:45
S30	0	"20040224190"	USPAT	ADJ	ON	2007/07/23 15:47
S31	0	"20060292415"	USPAT	ADJ	ON	2007/07/23 15:47
S32	2	("20060292415").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/07/23 16:08
S33	1804623	okamoto and fuel cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/23 16:09
S34	822	okamoto and fuel cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 16:09
S35	61	okamoto and fuel cell and polyimide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 16:31
S36	3	fuel cell and polyimide with semi-rigid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 16:32
S37	3	fuel cell and polyimide with "CH. sub.2"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 16:34

## EAST Search History

S38	307	fuel cell and polyimide and "CH. sub.2"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 17:26
S39	23	fuel cell same polyimide and "CH. sub.2"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 16:40
S40	13	fuel cell with polyimide and "CH. sub.2"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 16:35
S41	453	membrane same polyimide and "CH.sub.2"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 16:40
S42	19	membrane same polyimide same "CH.sub.2"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 16:40
S43	18	fuel cell same polyimide and "CH. sub.2" and aliphatic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 17:02
S44	1	matsuda and sulfonated polyimide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 17:22
S45	0	sulfonated copolyimide and fuel cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 17:23

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S46	0	sulfonated copolyimide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 17:23
S47	6	sulfonated same copolyimide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 17:23
S48	18	fuel cell and polyimide and "CH. sub.2" same diamine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/23 17:27
S49	111	polyimide and fuel cell and cross-linked	USPAT	ADJ	ON	2007/07/24 11:53
S50	7	polyimide same fuel cell and cross-linked	USPAT	ADJ	ON	2007/07/24 11:39
S51	576345	sulfonated polyimide and dmda and fuel cell	USPAT	OR	ON	2007/07/24 11:36
S52	0	sulfonated polyimide and dmda and fuel cell	USPAT	ADJ	ON	2007/07/24 11:37
S53	0	polyimide and dmda and fuel cell	USPAT	ADJ	ON	2007/07/24 11:37
S54	2	sulfonated same polyimide same fuel cell and cross-linked	USPAT	ADJ	ON	2007/07/24 11:43
S55	2	("20040101732").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/07/24 11:43
S56	0	("2004/0101732").URPN.	USPAT	OR	ON	2007/07/24 11:52
S57	26	polyimide and fuel cell and cross-linked and sulfonated	USPAT	ADJ	ON	2007/07/25 11:44
S58	217	polyimide and (alkyl or aklylene) and cross-linked and sulfonated	USPAT	ADJ	ON	2007/07/24 11:59
S59	4	polyimide same (alkyl or aklylene) same cross-linked and sulfonated	USPAT	ADJ	ON	2007/07/24 12:00
S60	3	polyimide same sulfonated and (alkyl or aklylene) same cross-linked	USPAT	ADJ	ON	2007/07/24 12:02
S61	1	polyimide same sulfonated and "ch.sub.2" same cross-linked	USPAT	ADJ	ON	2007/07/24 12:03

## EAST Search History

S62	8	polyimide and sulfonated and "ch. sub.2" same cross-linked	USPAT	ADJ	ON	2007/07/24 12:03
S63	116	polyimide and sulfonated and "ch. sub.2" and cross-linked	USPAT	ADJ	ON	2007/07/24 12:46
S64	2	("7157548").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/07/24 12:49
S65	2	("7034082").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/07/24 14:01
S66	0	semi-aromatic same polyimide and sulfonated	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/24 14:02
S67	23	semi-aromatic same polyimide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/07/25 11:33